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**From:** Stan Kaczmarek  
**Sent:** Fri 10/4/2013 7:39:15 PM  
**Subject:** Re: Survey Results, Cuts 7 - 9  
[131004 Passaic CUTS7-10 FINAL AD Survey Package.pdf](#)  
[15368 131004 FINAL AD CUTS7-10\[1\].dwg](#)  
[131004 Passaic AS2B-AS3 AD Contour\[1\].DXF](#)

Attached are the final survey results for cuts 7 - 10. The near shore undercut areas have already been sampled. The minor undercuts near the no-dredge zone is a result of sloughing due to the inability to step cut outside the dredge limit, i.e. into the No Dredge Zone.

Please contact me with any questions or comments.

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>>> On 10/2/2013 at 9:58 AM, in message <524C269E.B0D : 149 : 51652>, Stan Kaczmarek wrote:

Mike, Stephanie, Jason and Sharon,

Attached are the survey results to-date in Cuts 7-9. Areas circled in red will be re-dredged today to bring the surface within design specifications. Areas outlined in black are being investigated to determine if they need to be re-dredged or if they constitute hard pan areas that will need to be poled and sampled.

Many of these latter areas already received 2 passes from the dredge bucket during which rock or hard packed gravel were encountered, For undercut areas that cannot be dredged further, poling will be performed and samples will be collected of the overlying material. We will share those sampling plans as they are developed.

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